

Request for Quote (RFQ) for Modified Analysis

Date: July 19, 2012

Subject: Modification Reference Number: 2236.0
Title: ICP-MS with modified Calibration and Verification
Sample Matrix: Water
Method Affected: ICP-MS
Statement of Work: ISM01.3

Purpose:

The Contractor Laboratory is requested to perform the following modified analyses under the Inorganic Statement of Work (SOW) ISM01.3, based on the additional specifications listed below. Unless specifically modified by this modification, all analyses, Quality Control (QC), and reporting requirements specified in SOW ISM01.3 remain unchanged and in full force and effect. The number of samples requested in this modification is not guaranteed.

Please note that accepting a modified analysis request is voluntary, and that the Laboratory is not required to accept the modified analysis. There will be no adverse effect to the Laboratory for not accepting the modified analysis request. However, once the Laboratory accepts the request for modified analysis, it shall perform the analysis in accordance with this modification and as specified in SOW ISM01.3.

The Laboratory is requested to review the modification described herein, determine whether or not it shall accept the requested modified analyses, and complete the attached response form. The Laboratory shall provide comments in response to the required changes in the designated area, in order to ensure that the modified analysis can be completed in accordance with the specifications described herein.

Modification to the SOW Specifications:

The contract Laboratory shall analyze water/aqueous samples for the Target Analyte List (TAL) (Cd, Cr, As, Cu, Pb, Ni, Se, Tl and Sb) by ICP-MS as indicated on the Traffic Report/Chain of Custody Record and Laboratory Scheduling Notification form.

Some samples may be received at a reduced volume, less than 100ml but greater than 50ml. The samples will not be shipped at 4°C ($\pm 2^\circ\text{C}$). The Laboratory shall note the temperature at the time of receipt in the SDG Narrative and proceed with analysis.

The Laboratory shall perform the Initial Calibration as currently in the SOW except that the lowest non-blank standard will be set at the CRQL for all analytes.

The acceptance criterion for the initial calibration correlation coefficient is modified to $r \geq 0.998$.

The Laboratory shall re-analyze the low-level (at CRQL) calibration standard at the end of the run. The Percent Difference between the true value and the measured value shall be within $\pm 30\%$.

The CCV and CCB shall be analyzed after every 10 analytical samples.

As part of the complete data package, the Laboratory shall provide:

- All masses monitored, and all masses used for quantitation.
- All corrections applied to the data to handle interferences and used to generate the final corrected instrument result.

Reporting Requirements:

Hardcopy and electronic data reporting are required as specified per SOW ISM01.3. All hardcopy and electronic data shall be adjusted to incorporate modified specifications. This includes attaching a copy of the requirements for modified analysis to the SDG Narrative. If specific problems occur with incorporation of the modified analysis into the hardcopy and/or electronic deliverable, the Laboratory shall contact the DASS Manager within the Sample Management Office (SMO) at (703) 818-4233 or via email at CCSSUPPORT@fedcsc.com for resolution.

All samples analyzed for the same fraction within an SDG must be analyzed under the same fractional requirements. The Laboratory shall not include data for the same fraction with different requirements in the same SDG.

The Laboratory shall include the Modification Reference Number 2236.0 on each hardcopy

data form under the “Mod. Ref. No:” header appearing on each form as well as the SamplePlusMethod/ClientMethodModificationID element of the electronic deliverable. The Laboratory shall also document the Modification Reference Number and Solicitation Number on the SDG Coversheet and SDG Narrative.

Clarifications/Revisions to the RFQ for Modified Analysis:

Laboratory Name:

Laboratory Comments: